

CERAMIC CATALYST

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ABSTRACT OF THE DISCLOSURE

10 To provide a ceramic catalyst having both promoter
activity and heat resistance at a small amount of
promoter component and also having a low pressure drop
and a low heat capacity, a noble metal as a catalyst
component and at least two layers of promoter components
having oxygen storage capacities are supported on a
ceramic carrier which is prepared by replacing a part of
15 component element of the ceramic material such as
cordierite to enable to support a catalyst component
directly thereon. The outermost layer consists of a
promoter component having the highest heat resistance,
and the innermost layer consists of a promoter component
20 having the highest oxygen storage capacity, which improve
heat resistance without increasing an amount of supported
promoter component.